

C l a i m s

1. A piece of furniture, such as a table, chair or stand or the like, having a support structure (3), which supports a receiving unit (6) and is supported on a leg (2) or at least by one support and has hollow receivers (7), axially accessible from one side, which are at least partially round in cross section, for an end section (2.1) of the leg (2) or the support,

characterized in that

engagement elements (7.2) in the form of helical segments are formed in the receivers (7) on respectively at least partially encircling inside (7.1), and counter- engagement elements (2.2) are formed on the respective outside of the end sections (2.1), which work together with the former for fixing the legs (2) in place free of play, or

in the opposite way the engagement elements in the form of spirals are formed at the end sections (2.1) and the counter-engagement elements (2.2) in the receivers (7).

2. The piece of furniture in accordance with claim 1, characterized in that

two engagement elements (7.2) in the form of grooves are located opposite each other, offset by 180°, each of which has an insertion element (7.3) extending in an axis- parallel direction, and

the engagement elements (2.2) are embodied as peg- shaped protrusions matched to the grooves.

3. The piece of furniture in accordance with claim 1 or 2,

characterized in that

the receiver (7) and the end section (2.1) are correspondingly embodied to be conically tapering toward the free end of the end section (2.1), and are dimensioned in such a way that the end section (2.1) can be introduced with play in respect to the receiver (7) in the axial direction and can be fixed in place by subsequent rotation, while supported free of play at the conical inside (7.1).

4. The piece of furniture in accordance with one of the preceding claims,

characterized in that

the arrangement of the engagement elements (7.2) and counter-engagement elements (2.2), as well as the dimensioning of the receiver (7) and the end section (2.1) are laid out in such a way that, with the leg attached, the upper front side of the leg (2) is supported on an upper inner surface of the receiver (7).

5. The piece of furniture in accordance with one of the preceding claims,

characterized in that

the receivers (7) in the form of separate inserts made of plastic or metal are fixed in place in respectively matched recesses in linear profiled elements (4) or transverse struts (5).

6. The piece of furniture, in particular the table in accordance with claim 5,

characterized in that
the linear profiled elements and/or the transverse struts
are embodied as hollow profiled elements which, for
introducing the inserts, have openings on their underside which
are matched to the exterior cross section of the latter.

7. The piece of furniture in accordance with claim 5 or
6,

characterized in that
the inserts (7) are designed in a cup shape or hat shape
and are pressed or glued into the respective recess, or are
riveted or screwed from the top of the linear profiled element
(4) or transverse strut (5).

8. The piece of furniture in accordance with one of
claims 5 to 7,

characterized in that
on their underside the inserts (7) have a collar (7.4)
which, in the inserted state, rests in the manner of a flange
against the respective underside of the linear profiled element
(4) or the transverse strut (5), and/or are provided with a
snap-in groove or snap-in projection working together with a
lower wall of the linear profiled element (4) or the transverse
strut (5).

9. The piece of furniture in accordance with one of the
preceding claims,

characterized in that
the linear profiled elements (4) are designed as four-
edged hollow profiled sections.

10. The piece of furniture in accordance with one of the preceding claims,

characterized in that

the axes of the receivers (7) are aligned obliquely upward and, in respect to the table, inward.